

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:31:35

Sample: AD26433
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:31 Ended: 12/4/01 15:31 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26433 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-04-2001 Time: 15:31:48

Mass scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 4 14:21 2001

Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration
 DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.89	152	1598116	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	6247394	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	2796818	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	3984862	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	2546672	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	1813696	20.00	ng/uL	-0.06

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) 2-Chlorophenol-d4	11.89	132	1477	0.01	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.40	152	16280	0.24	ng/uL	-0.06
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.48%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.92	172	5635	0.03	ng/uL	0.09
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.06%#		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		

Target Compounds

				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitrosodimethylamine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl) ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	12.94	45	354	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.
17) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.
18) Hexachloroethane	0.00	117	0	N.D.
21) Nitrobenzene	0.00	77	0	N.D.
22) Isophorone	0.00	82	0	N.D.

(#) = qualifier out of range (m) = manual integration

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D

Vial: 21

Acq On : 1 Dec 2001 6:24 am

Operator: GALOS

Sample : gc/ms unknown 11/3

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 4 14:21 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	0.00	128	0	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.		
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	0.00	65	0	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	25.19	178	951	N.D.		
56) Anthracene	25.19	178	951	N.D.		
57) Di-n-butylphthalate	27.17	149	4450	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.19	228	6029	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	4452	N.D.		
67) Chrysene	33.19	228	6029	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

(#)=qualifier out of range (m)=manual integration

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D

Vial: 21

Acq On : 1 Dec 2001 6:24 am

Operator: GALOS

Sample : gc/ms unknown 11/3

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 4 14:21 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.28	252	5788	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration
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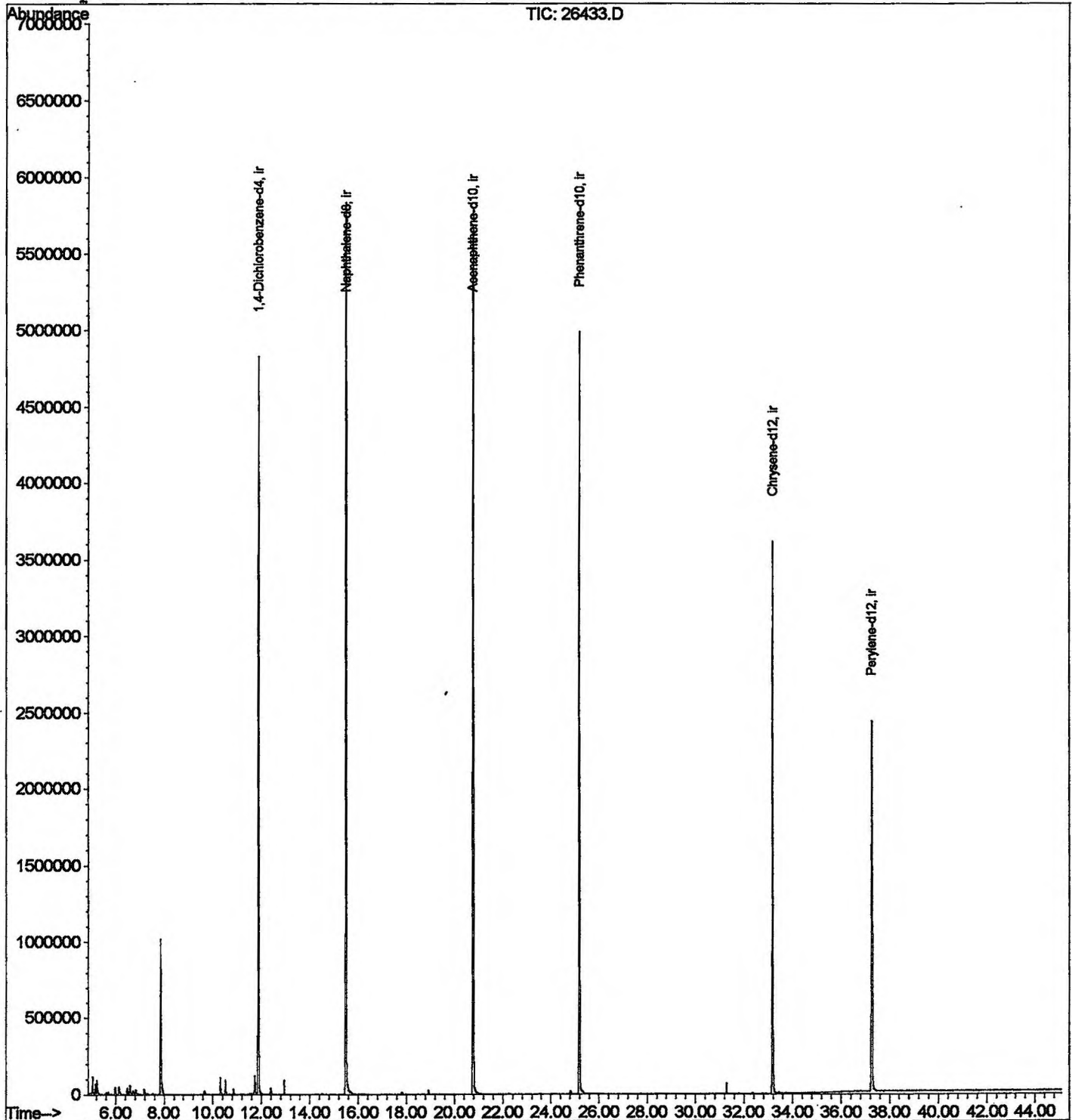
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 4 14:21 2001

Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D

Acq On : 1 Dec 2001 6:24 am

Sample : gc/ms unknown 11/3

Misc :

MS Integration Params: LSCINT.P

Vial: 21

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.047	16	22	30	rVB	111966	240118	1.92%	0.381%
2	5.221	38	41	46	rVV	83379	136647	1.09%	0.217%
3	7.853	324	328	344	rVB	1017960	2054679	16.45%	3.264%
4	10.320	593	597	606	rBV	109877	210103	1.68%	0.334%
5	10.530	615	620	627	rBV	91764	175446	1.41%	0.279%
6	11.750	748	753	759	rBV	123827	253319	2.03%	0.402%
7	11.888	759	768	781	rBV	4827624	9774957	78.28%	15.526%
8	15.501	1155	1162	1179	rBV	5833271	12486726	100.00%	19.834%
9	20.773	1730	1737	1757	rBV	5635780	12122731	97.08%	19.255%
10	25.184	2211	2218	2230	rBV2	4987406	10854461	86.93%	17.241%
11	33.190	3083	3091	3108	rBV2	3612724	8154306	65.30%	12.952%
12	37.280	3529	3537	3549	rBV2	2419582	6494059	52.01%	10.315%

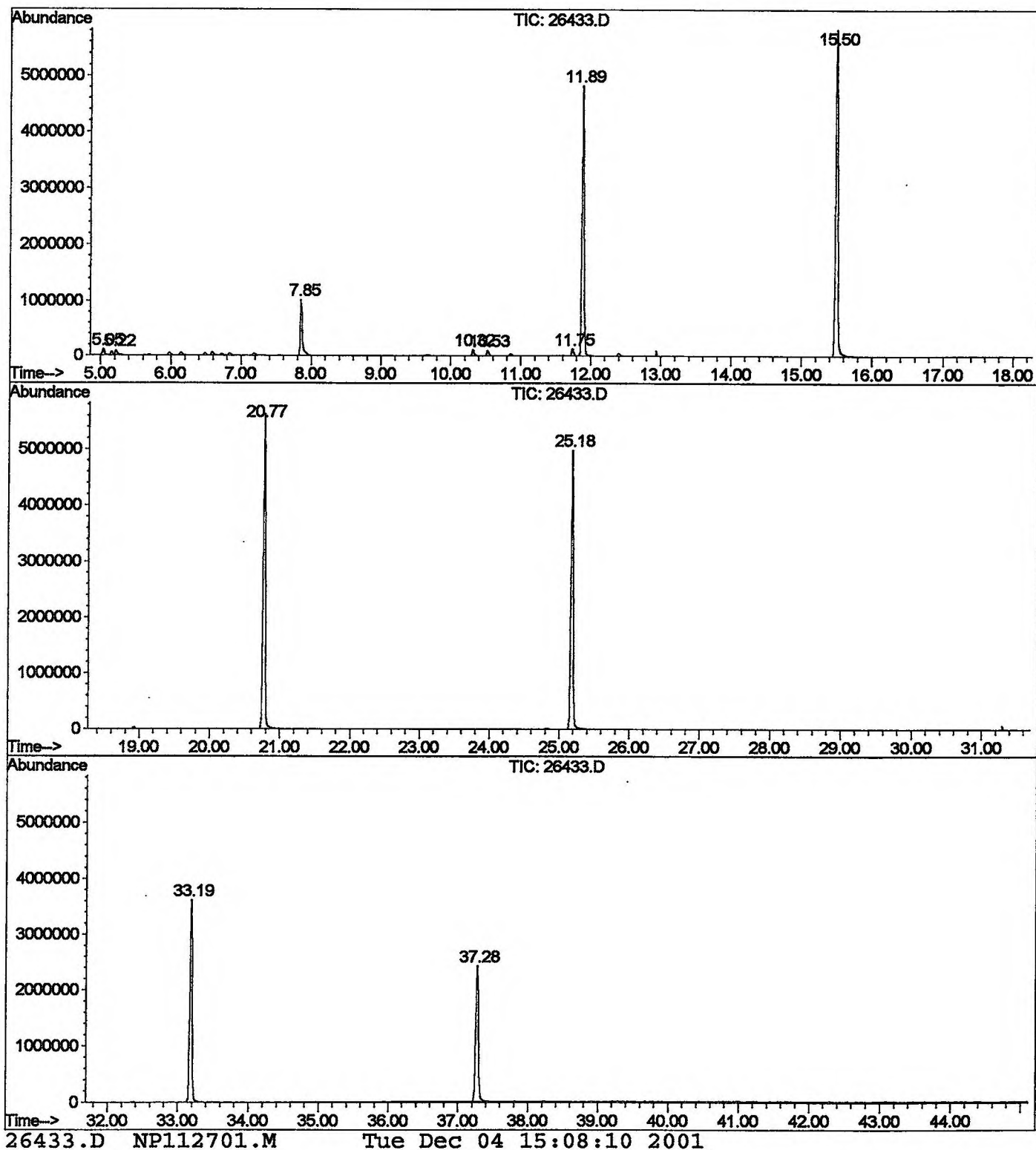
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26433.D NP112701.M

Tue Dec 04 15:08:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Operator : GALOS
 Acquired : 1 Dec 2001 6:24 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/3
 Misc Info :
 Vial Number: 21
 Quant File :NP112701.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

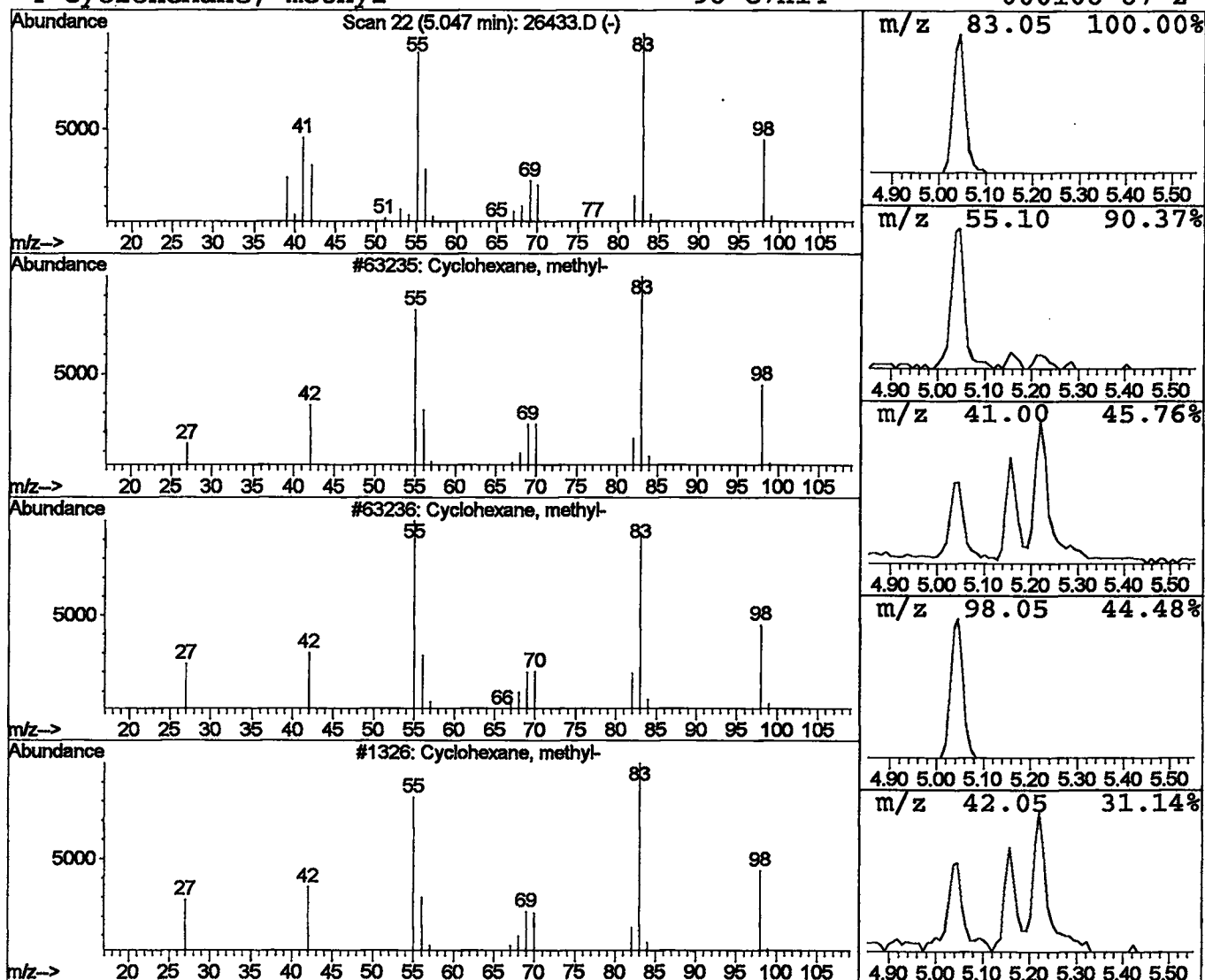
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	0.49 ng/uL	240118	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	96
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	86



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

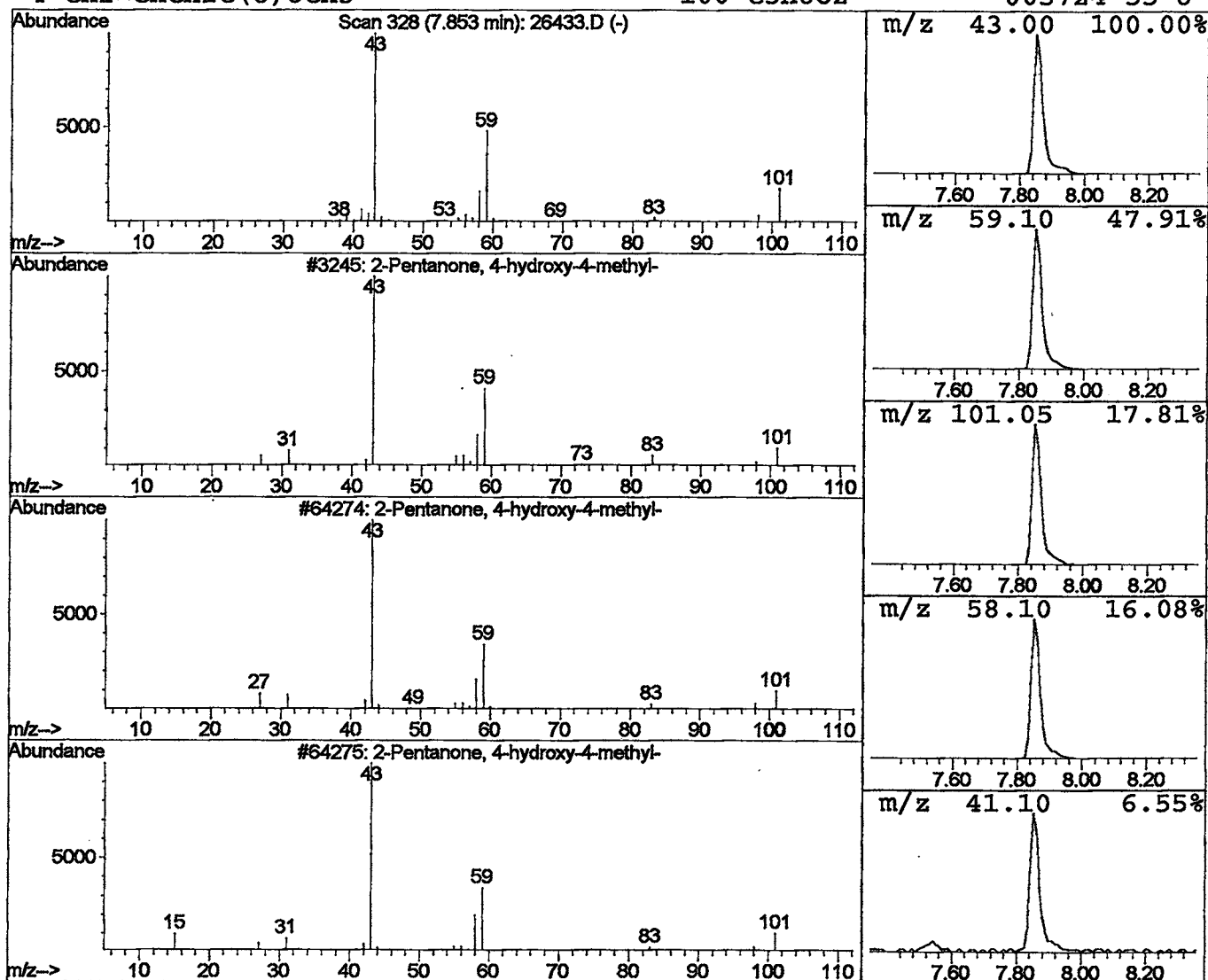
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.20 ng/uL	2054680	1,4-Dichlorobenzene-d4	11.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

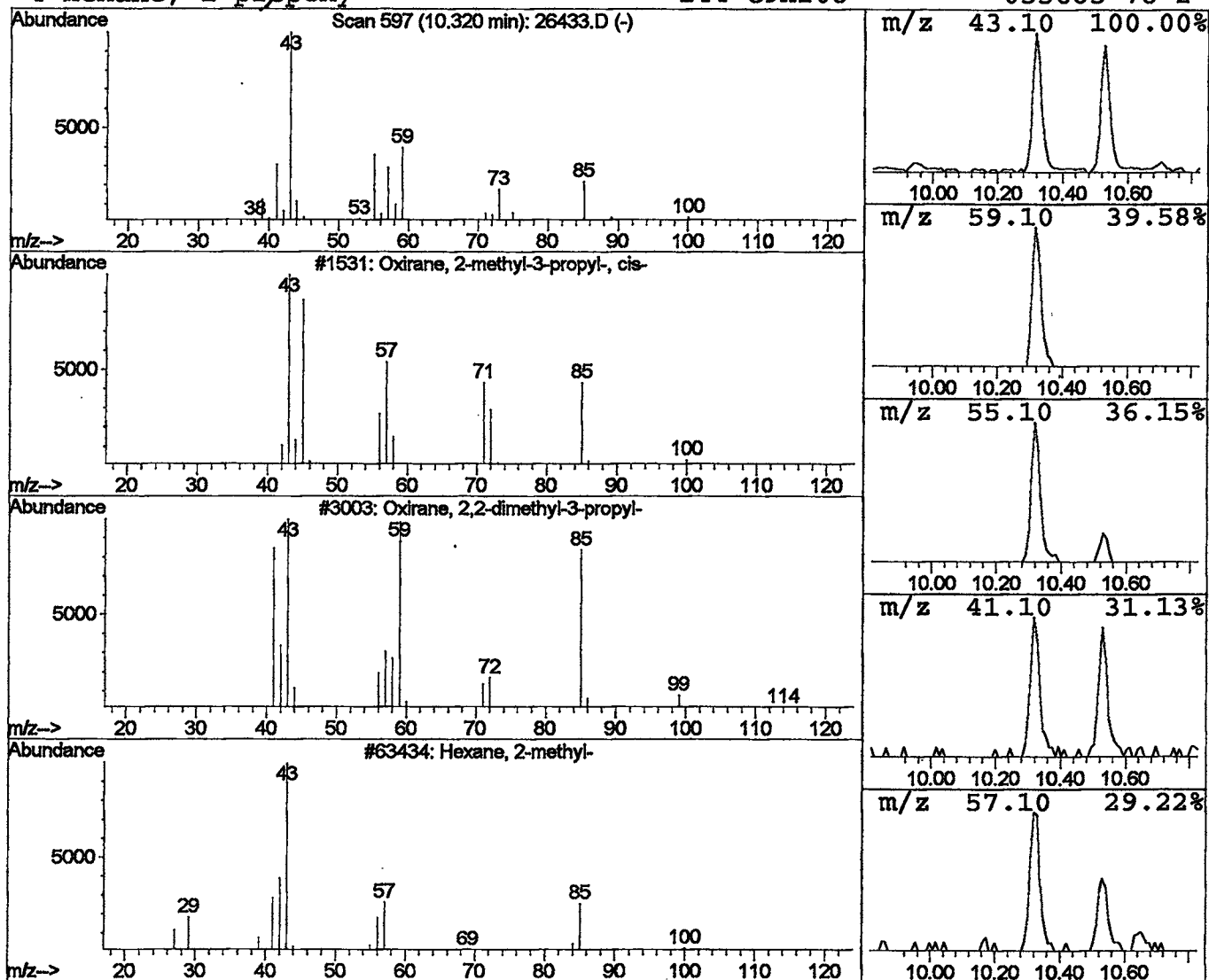
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.43 ng/uL	210103	1,4-Dichlorobenzene-d4	11.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	25
2		Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	23
3		Hexane, 2-methyl-	100	C7H16	000591-76-4	22
4		Hexane, 1-propoxy-	144	C9H20O	053685-78-2	17



Library Search Compound Report

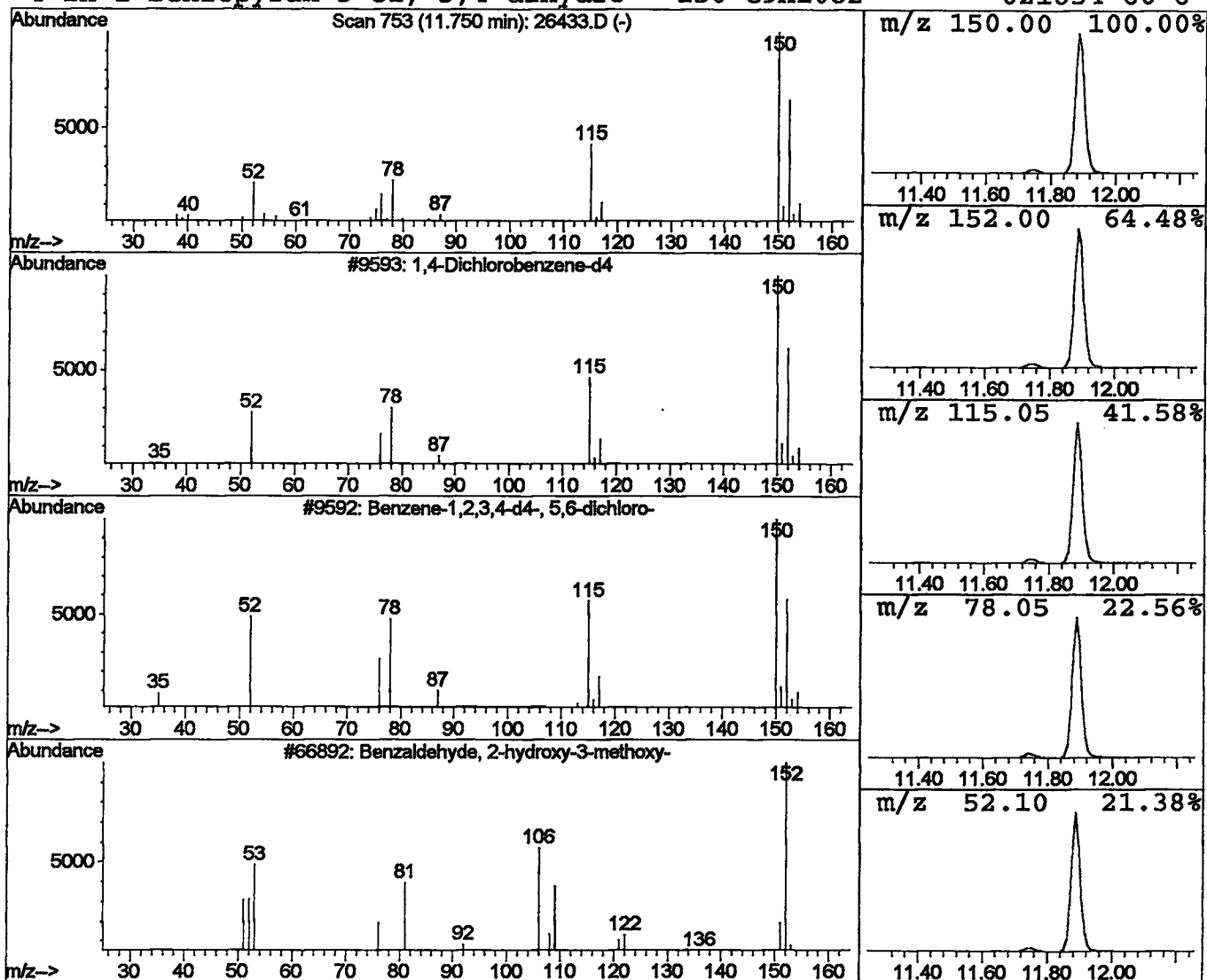
Data File : C:\HPCHEM\1\DATA\NOV3001\26433.D
 Acq On : 1 Dec 2001 6:24 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	0.52 ng/uL	253319	1,4-Dichlorobenzene-d4	11.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	96
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	42
3	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4	2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 6:24 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26433.D
Name: gc/ms unknown 11/3
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Cyclohexane, methyl-	5.05	0.5	ng/uL	240118	ISTD01	11.89	9774960	20.0
2-Pentanone, 4-hydro	7.85	4.2	ng/uL	2054680	ISTD01	11.89	9774960	20.0
Oxirane, 2-methyl-3-	10.32	0.4	ng/uL	210103	ISTD01	11.89	9774960	20.0
1,4-Dichlorobenzene-	11.75	0.5	ng/uL	253319	ISTD01	11.89	9774960	20.0

26433.D NP112701.M Tue Dec 04 15:08:15 2001